PARIAN CEMENT for internal use, to be PAINTED IN A FEW HOURS AND PAPERED WITHIN A COUPLE OF DAYS.—CHARLES FRANCIS and SONS, Patentees, Nine Elms, London.

MEDINA (ROMAN) CEMENT.—The material of which this cement is made is obtained in the Isle of Wight. It has all the properties of the Sheppy Stone, but is much better adapted to engineering works, from the rapidity with which it sets and hardens under water. It has been long used at the great Breakwater at Cherbourg; in a similar work at Aldeney, and at Dover New Pier, to unite the masonry. The foundation of the centre pier of the Tubular Bridge at Menai Straits is laid in Medina Cement. A new groyne at Sandown Bay, Isle of Wight, has been constructed of no other material but this cement and sea shingle. The work extends 200 feet into the sea, and is exposed to the most violent gales of the Channel, in a position where every former construction had been repeatedly washed away. The superiority of the varied qualities of Roman Cement are superseded by the use of this improved manufacture.

CHAS. FRANCIS and SONS, Nine Elms, London; or West Medina Mill, Newport, Isle of Wight.

Agent for Southampton, R. L. FLUDER, American Wharf.

PERMANENT STUCCO WASH, WITHOUT SIZE OR OTHER CORRUPTIBLE INGREDIENT.

As used at St. George's Hospital, Hyde Park Corner.

JOHNS and CO. having effected some important improvements in the manufacture of this very useful material, confidently offer it to the notice of the Trade and the Public generally, as possessing more advantage over the common Lime Wash or Water Colour for STUCCO or BRICK WORK. It is a Stone Colour, but may be tinted to any other—DOES NOT WASH OFF—is perfectly dry in twenty four hours, and, being a non-absorbent, is admirably adapted for Railway Stations, Union Workhouses, Barracks, Schools, Prisons, &c. One cwt. will cover 250 square yards. It will keep good for years, and MAY BE EXPORTED WITH PERFECT SAFETY.

JOHNS and CO.'S STUCCO CEMENT.—This cement, from the great reduction in price, and its suitableness for internal as well as external surfaces, places it above all other materials of its kind: it has no caustic qualities; may be painted or papered in a few days; never blisters, cracks, or vegetates; soon becomes as hard as stone; and may be cleansed with a brush and water.

The merits of the PAINT are well known for its application to every sort of all kinds, and external work generally. Numerous testimonials, prospectuses, and every information may be obtained, on application to the Sole Agents, PHILIP HARE and Co. at the Warehouse, 28, Steel-yard, Upper Thames-street. A liberal allowance to wholesale dealers.

THOMAS FREEN and CO. LIME BURNERS, Wouldham-on-the-Medway. Grey and Chalk Lime supplied by the Weight, direct from the Kilns, or fresh from their wharfs, 6, Canal-road, Kingsland road; Queen's Wharf Great Cambridge-street, Hackney-road; or King's Wharf, New Wharf-road, Battle-bridge. N.B. Laths, Tiles, Chimney-pots, Plaster, Hair, Welch Slates, &c. &c. &c.

GREAVES'S BLUE LIAS LIME.—The superior manner in which the above is ground renders it cheaper for mortar or stucco than any other lime or cement. The shell lime for mortar is burnt on an improved principle, leaving scarcely any core. The satisfaction constantly expressed by Engineers, Architects and Contractors, of the above, is its best recommendation.

Tiles, Cements, and Co.'s Blue Vitrified Bricks, Pipes, Junction Goods, and Fire Goods.

ROMAN, PORTLAND, PARIAN, ANSTON, and LIAS CEMENTS of the best quality.

STONES, PAVIORS, STOCKS, and other Bricks.

CHARLES RICHARDSON, 4, South Wharf, Paddington.

GREY-STONE LIME.—HALL, BROTHERS, Merstham Lime Works, near Reigate, beg to offer to Builders and others a list of their prices for Cash on delivery.

Grey-Stone Lime	6s. 6d.	per Yard, or 22 Bushels	
Ditto, for Manure	6s. 6d.	ditto	ditto
Ditto, Ashes	1s. 6d.	ditto	ditto
Black ditto	3s. 6d.	ditto	ditto

In not less than Six Yard quantities, and put on the Railway for goods stations on the London and Brighton and South-Eastern Railways, or lime connected with them. A fresh supply, hot from the kilns daily, at the Bricklayers' Arms and Croydon Stations, delivered to all parts.

Price for Cash on delivery:—7s. per yard at the stations or works; 8s. per yard delivered within five miles; in not less than a yard quantities. Booking, 2s. per yard; in per yard off, if paid monthly. Collecting charged for. The quality is warranted to be the best.—Address, Merstham, near Reigate, Croydon; or Youll's Lime Old Kent-road.

PAN TILES, 48s.; Plain, 32s. 6d.; superior White Glazed Facing, Red ditto, Fire Brick, &c.—Best Stourbridge, Scotch and Newcastle Fire Bricks, Lumps, Tiles, Clay, Windsor Loam, &c. tiles and other shaped Goods, Windsor and Norwich Stoves, Pipes and Bricks, Dutch and English Clinkers, Patent Malt-and Corn drying finely-perforated Tiles, 12in. and 9in. Paving Tiles, unequalled in quality and colour, at WARD'S old-established Stourbridge Wharf, Bankside, Southwark, London. Thames Sand, Ballast, Gravel, &c. &c.

WHITE SUFFOLK and RED FACING BRICKS of superior quality. Moulded Bricks to any pattern.

KIRTLEY, KENT, and ESSEX BRICKS; also Yellow and Pale Stock Seconds, Cutters, Paviors, Shippers, &c. &c.

KENTISH RAG STONE of the finest quality, and of the blue stone much approved by architects, can now be supplied, at a LOWER and CONSIDERABLE REDUCTION in PRICE.

Apply to Mr. BENJAMIN GOUGH, 37, Newington-crescent, Newington Butts.

HOOPER'S WHITE BRICKS, moulded for Plinths, Jambs, Chimney-shafts, Wall copings (at from 4d. to 6d. per foot run); Paving Tiles of different patterns, in white, red and blue; Fancy Roofing and Ridge Tiles, coloured brown, for cheap White Kebele Tiles, for facing buildings, &c. sent to all parts of the country direct from the kilns.—Office, 3, Portland-street, Southampton, where samples and illustrated price-lists may be had on application, post-paid.

BRICKS.—H. DODD is enabled to offer his BRICKS, which are of good quality, at the following low prices, and as his fields are only a quarter of an hour's walk from the City, H. D. earnestly requests purchasers will favour him with a visit, in order to inspect his stock and to judge for themselves.

Marls cutters	£44.	Per Thousand
Yellow seconds	40s.	"
Pale seconds	34s.	"
Paviors	45s.	"
Pickings	22s.	"

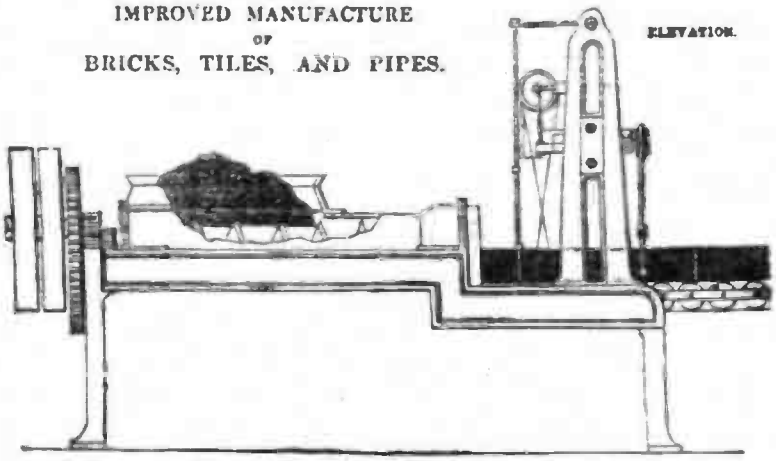
Delivered within two miles of the fields.

Rare place, half-washed stocks and place bricks, at equally low prices. These bricks are sound, well burnt, and unusually free from defects; a very large proportion of the stock being suitable for external facing.—Apply to HENRY DODD and Co. at the Brick-house, Horton Brickfields, Orange-walk, near the Romney-road branch, Horton, N.B.—Red pit sand of approved quality ready on sale, upon reasonable terms; this sand, from its not containing any saline matter, is acknowledged to be preferable to river sand.

WHITE BLUNHAM BRICKS and TILES.—These Goods, so justly celebrated for retaining their colour without vegetating, and, combining great strength with a fine face, may now be obtained, in London, in various forms and sizes, and in any quantity. The Paving Tiles, Clinkers, Splays, Bullnoses, and Copings are well worth attention. Sole Agents: PHILIP HARE and Co. 28, Steel-yard Wharf, Upper Thames-street.

FAR BRICK WORKS, SOUTH LYNN.—To the NOBLEMEN, GENTLEMEN, and BUILDERS of Norfolk, and the surrounding counties.—JNO. SHEPPARD begs to inform noblemen, gentlemen, and others interested in building in the and the adjacent counties, that he is licensed to make his Royal Highness Prince Albert's Patent Bended Hollow Bricks; also Mr. Beart's celebrated Patent Perforated Bricks, as well as Tiles, Drain Pipes of all descriptions, and every other article in that department of business, which he is now manufacturing by steam power, and is enabled to supply on the most advantageous terms.—Lynn, Norfolk, August 3.

RANDELL AND SAUNDERS'S PATENT MACHINE FOR THE IMPROVED MANUFACTURE OF BRICKS, TILES, AND PIPES.



In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without cessation so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required lengths without interfering with its progress.

The clay, in a rough state, is thrown upon the screws by the persons employed to fill the machine; the screws, in revolving, thoroughly pug the clay, and also force it forwards into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.

When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a knife to the cylinder of the cutter; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks, which form it imparts to the bricks in cutting them. This arrangement is adapted for making Messrs. RANDELL and SAUNDERS'S Patent Draining Bricks, for sewage purposes, which make a drain of much greater strength than the stoneware or refractory pipes, and at far less cost.

The machine is self-acting—the attendants have merely to put in the clay, and remove the bricks, or other ware, which may be produced.

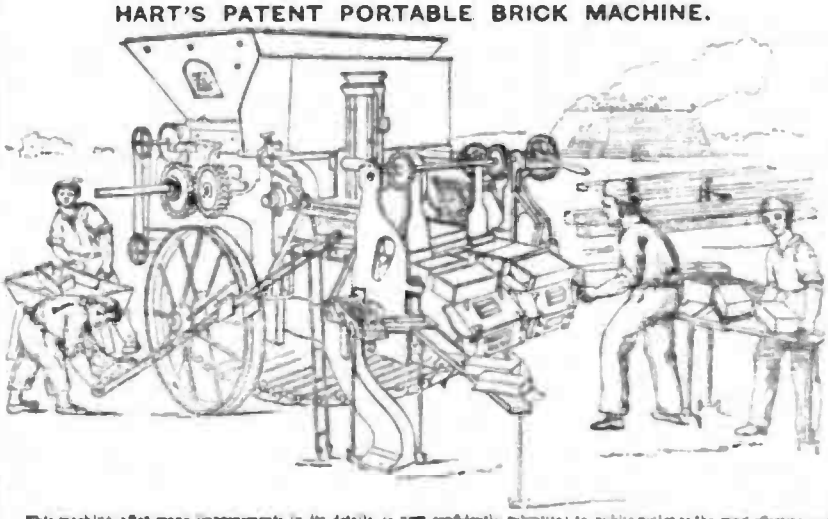
When worked with two-horse power, the machine will produce 1,000 bricks, or 1,500 9-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.

The screws propel the clay without taking air in with it; thus the ware comes out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the clay can be used in a much drier state than it can be when moulded by the hand, the time occupied in drying is much less; and, when hollow bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compression given to the clay in its transit, ware of very superior quality is produced.

For price and further particulars apply to RANDELL and SAUNDERS, Bath; CHARLES JOHN CARR and CO. Engineers, Belper, Derby; STOTHERT, RAYNO, and PITT, Engineers, Bath; or to FOWLER and FRY, Engineers, Bristol.

HART'S PATENT PORTABLE BRICK MACHINE.

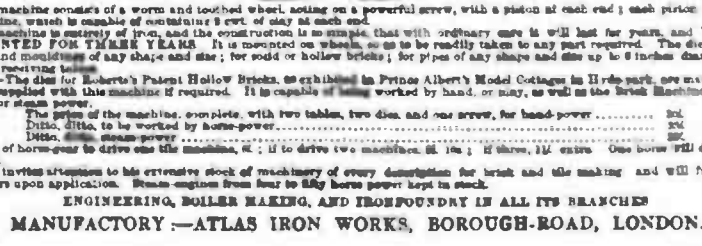


This machine, after many improvements in its details, is now confidently submitted to public notice as the most effective and economical known means of manufacturing solid bricks of a uniformly superior quality. Its advantages over every other machine for attaining the same end have been so unequivocally admitted by all who have seen it in operation, that it will only be requisite to draw attention to a few of its characteristic features, to secure a very large share of public patronage.

1st. The same machine grinds the clay and makes the bricks. 2nd. The pressure being equal throughout, the bricks are of uniform density, and superior in quality to hand-made bricks. 3rd. The moulds in which the bricks are formed and removed from the machine are made to open; thus the bricks are laid on the pallet-boards without injury to the shape from being handled. 4th. No skilled labour is required, as the machine is entirely self-acting, and requires none but boys to attend to it. 5th. The machine being mounted on wheels, is easily portable to any part of the field. 6th. The quantity made exceeds that by any other means with an equal amount of power; as it is WARRANTED TO MAKE 20,000 IN TEN HOURS, WITH 2-HORSE POWER, and will continue in working order for years. 7th. The saving resulting from the use of the machine can be shown to exceed 7s. per annum.

PRICE £84.

HART'S PATENT DOUBLE-ACTION BRICK AND TILE MACHINE.



This machine consists of a worm and toothed wheel, acting on a powerful screw, with a piston at each end; each piston working in the machine, which is capable of containing 2 cwt. of clay at each end.

The machine is entirely of iron, and the construction is so simple, that with ordinary care it will last for years, and WILL BE WARRANTED FOR THREE YEARS. It is mounted on wheels, so as to be readily taken to any part required. The dies are made for tiles and mouldings of any shape and size; for solid or hollow bricks; for pipes of any shape and size up to 6 inches diameter, and with two receiving tables.

N.B.—The dies for Roberts's Patent Hollow Bricks, as exhibited in Prince Albert's Model Cottages in Hyde-park, are manufactured for, and supplied with this machine if required. It is capable of being worked by hand, or may, as well as the Brick Machine, be driven by horse or steam power.

The price of the machine, complete, with two tables, two dies, and one screw, for hand-power	£84
Ditto, ditto, to be worked by horse-power	£94
Ditto, ditto, steam-power	£97

Price of horse-gear to drive one tile machine, £6; if to drive two machines, £8 10s.; if three, £12 extra. One horse will drive three machines.

J. H. invites attention to his extensive stock of machinery of every description for brick and tile making, and will furnish full particulars upon application. Steam-engines from four to fifty horse power kept in stock.

ENGINEERING, BOILER MAKING, AND IRONFOUNDRY IN ALL ITS BRANCHES.

MANUFACTORY:—ATLAS IRON WORKS, BOROUGH-ROAD, LONDON.

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